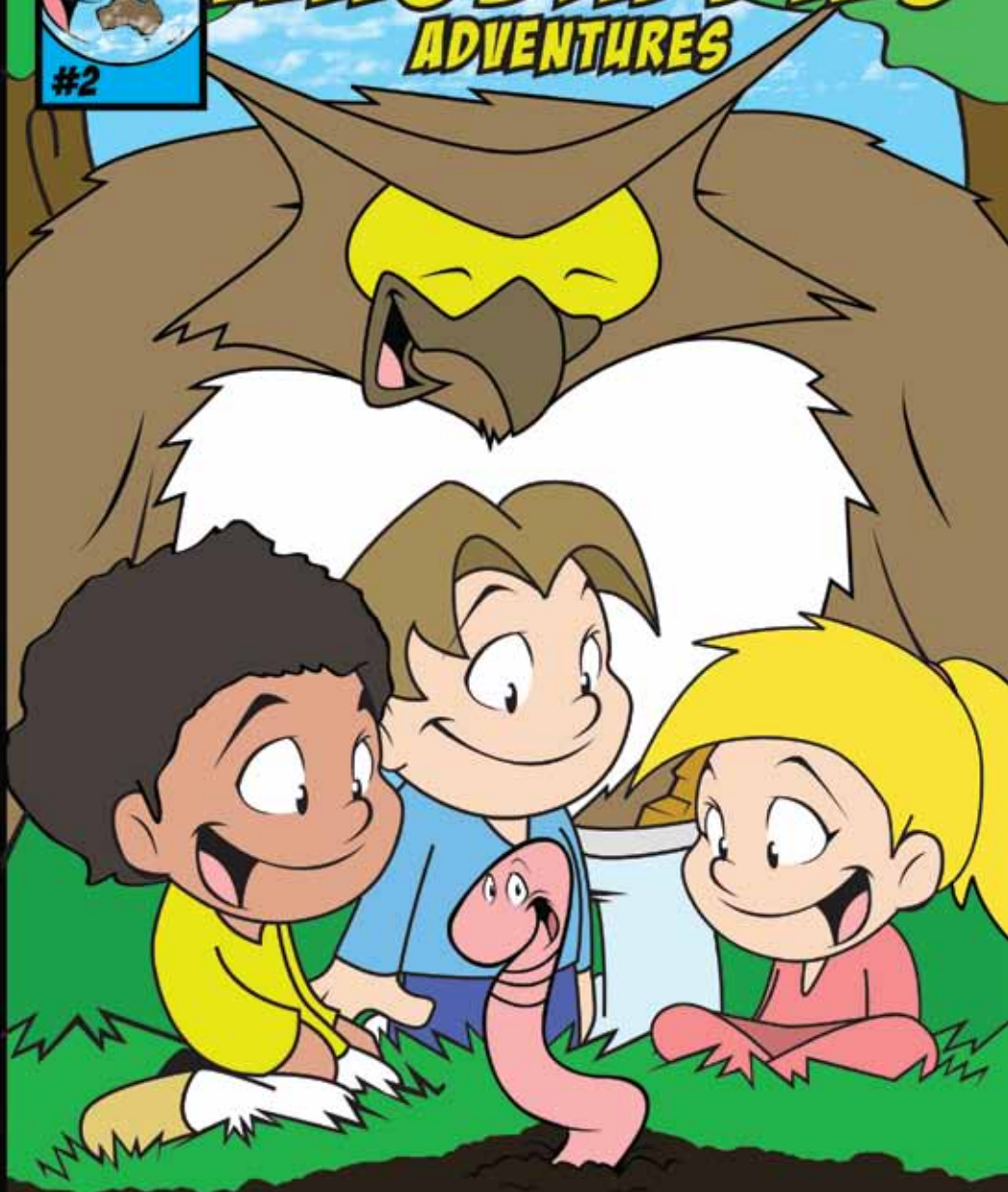




WHOBUDDIES

ADVENTURES



THE GREAT SOIL DISCOVERY

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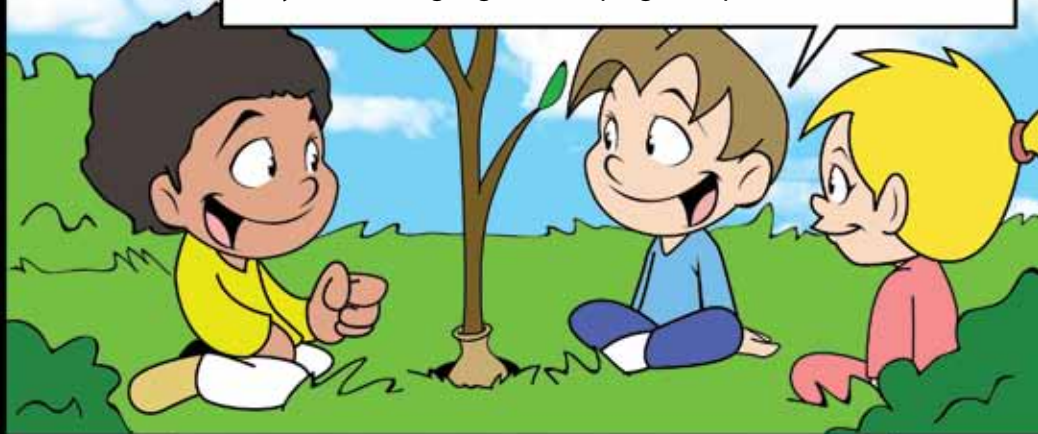
Story and characters created by Brad Harrison. Illustrations by Rodgon.
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After what we learned from the Whobuddies, it's great seeing everyone working together helping to improve our watershed!



Hi kids!
Looks like you are
having a lot of fun,
doing great work.
Can we help too?



We were just on our way back to headquarters and thought we would stop by to see you. We've missed you!

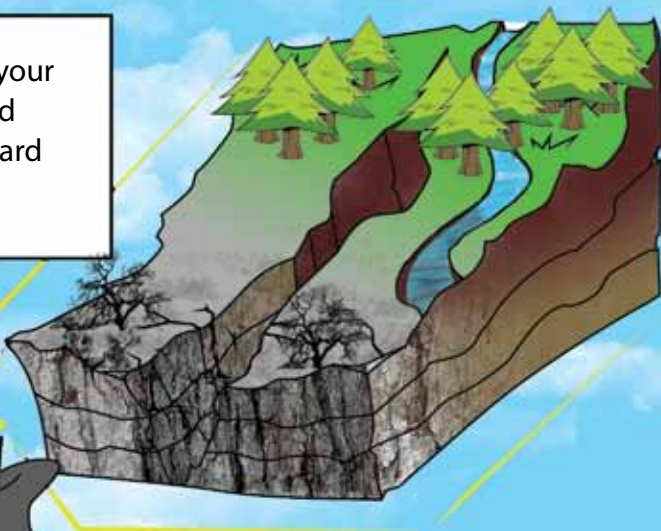


It looks like you have all been busy working hard for conservation. You are doing such a great job. Thank you for helping us!




Ninox, could you use your scanner to look at our watershed? We want to see how it's doing?


Certainly! That's a fantastic idea. Let me get my scanner turned on. (Beep, Beep) Okay, let's take a look!



According to this scan, your watershed has improved overall thanks to your hard work.



But Ninox, it looks like we still have a problem over there.

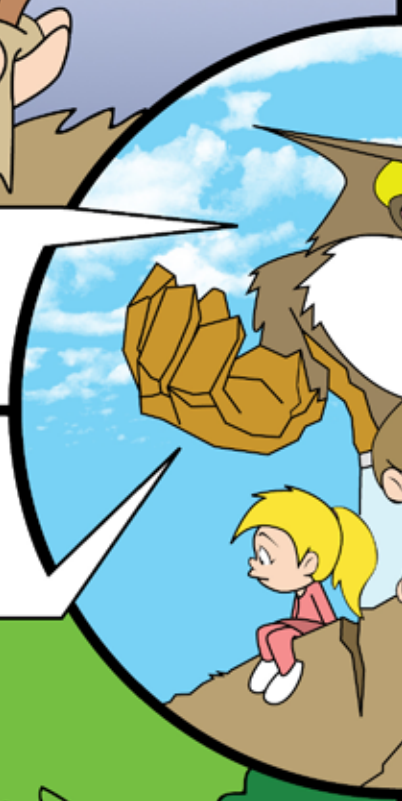


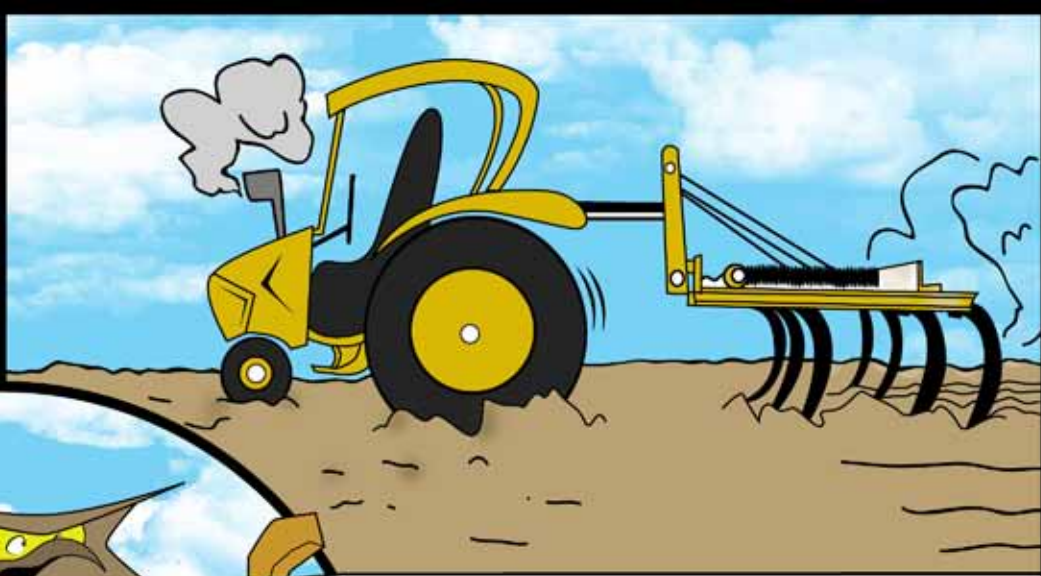
You are right kids. Good catch! Why don't you go with Bubo to check it out. The scan looks like it's a soil problem and that's his specialty!



There is a major soil problem going on here kids. The plants are unhealthy because the soil is unhealthy.

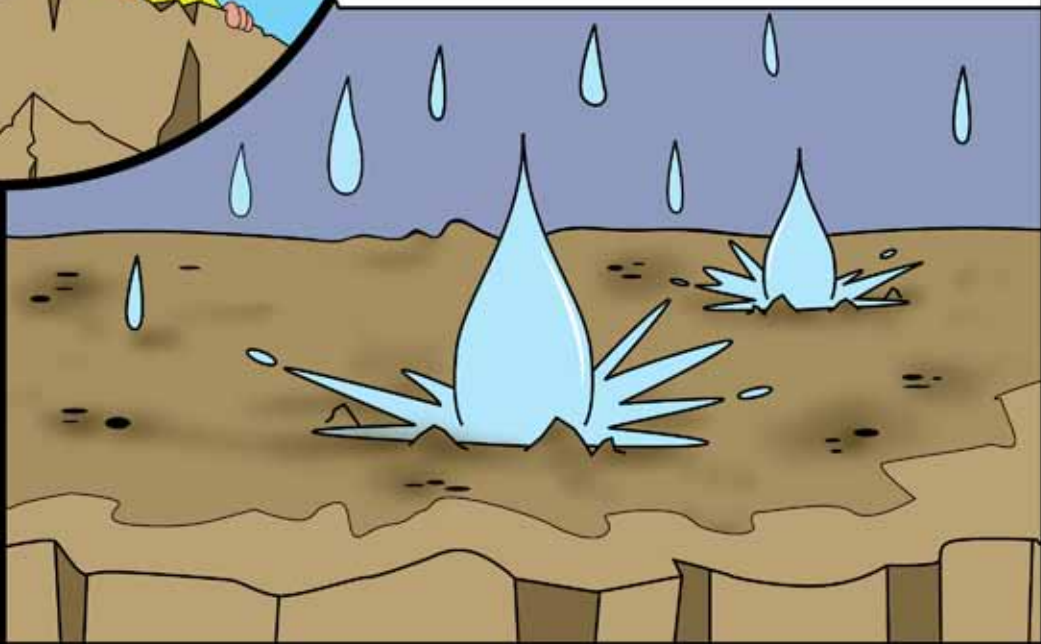
When the soil is unprotected the rain water can carry it into a stream making the water very dirty.



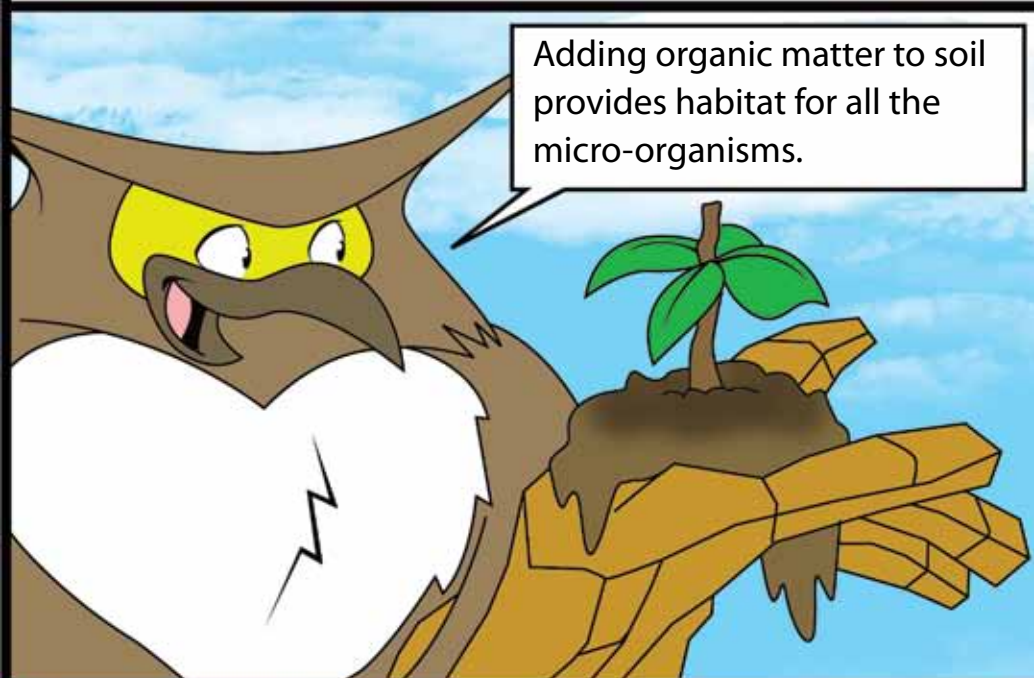


Disturbing the soil too much reduces organic matter, increases compaction, and leaves it unprotected.

Unprotected and unhealthy soil is more prone to erosion.



Soil is Amazing! It is full of living activity. All plants and animals need soil everyday to live. There are things all of us can do to improve soil health and prevent soil erosion. Let's discover together what can be done to help the soil.



Less soil disturbance means more organic matter which equals better soil health.

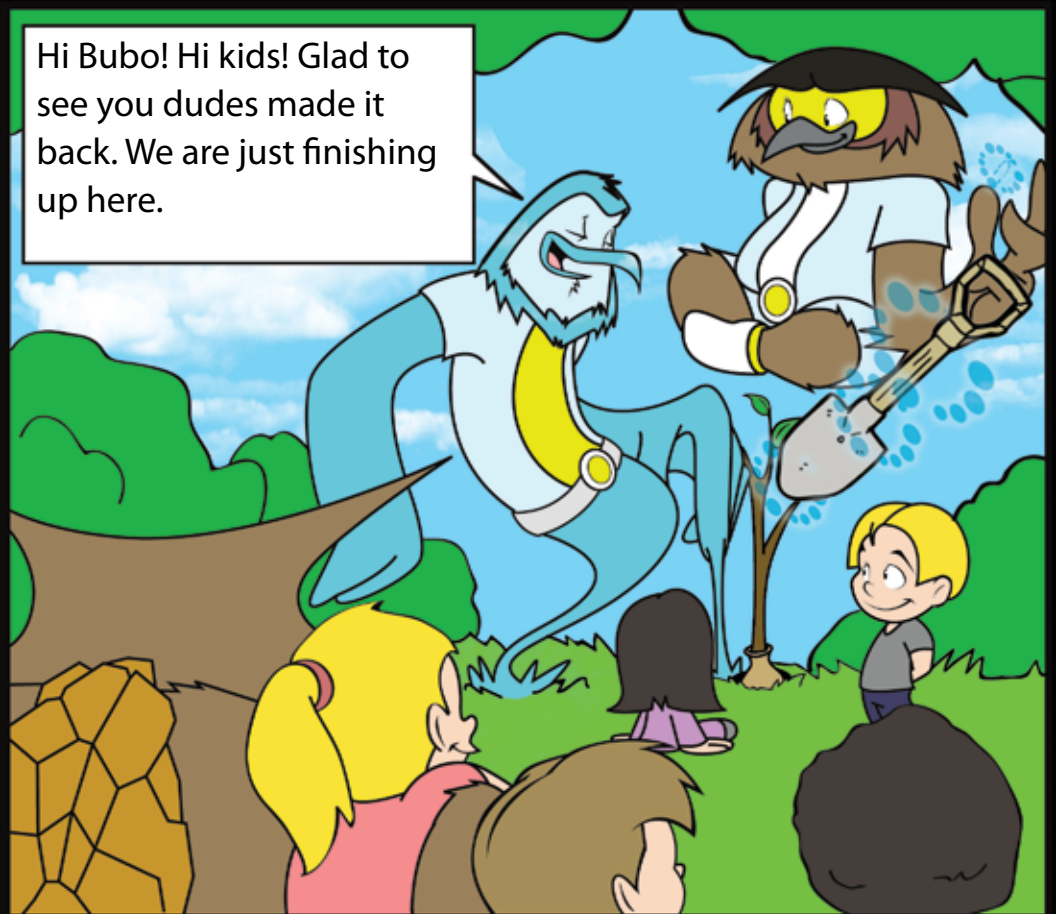


Keeping the soil covered protects it from wind and water erosion.




Slowing down rain water runoff in the watershed helps stop soil erosion.



A comic panel showing a large blue owl with a yellow collar and a brown owl with a white shirt and yellow collar. They are in a grassy field with trees in the background. The blue owl is holding a shovel and digging a hole. A young boy with blonde hair is standing nearby, and a girl with blonde hair is sitting on the ground. A large pile of dark soil is on the right.

Hi Bubo! Hi kids! Glad to see you dudes made it back. We are just finishing up here.

A comic panel showing the two owls and three children. The blue owl is on the left, holding a large pile of brown soil. The brown owl is on the right, sitting on the ground. Three children (a boy and two girls) are sitting on the soil pile in the middle. They are all smiling and looking at each other.

Bubo helped us discover how important soil health is for plants and stopping erosion.



And remember! All our natural resources are connected and depend on each other.

By helping the soil you also helped the plants, water, animals, air and energy. We are heading back to headquarters now. Maybe you all can come and visit sometime?



Hey Kids! See if you can discover the correct soil words in this Whobuddies search game.



S	S	O	I	L	S	E	K	K	F
E	A	B	A	C	T	E	R	I	A
I	T	R	E	E	S	U	G	I	I
D	Y	N	O	I	S	O	R	E	R
D	E	C	O	S	Y	S	T	E	M
U	V	Y	G	R	E	N	E	I	I
B	U	B	O	R	O	O	T	S	G
O	M	A	S	T	N	A	L	P	N
H	B	R	E	T	A	W	Z	G	U
W	N	B	B	S	Y	N	E	G	F

BUBO, WATER, SOIL, ENERGY, AIR, BACTERIA,
ROOTS, ECOSYSTEM, PLANTS, TREES,
WHOBUDDIES, EROSION, FUNGI

START



UNHEALTHY

**What causes
unhealthy soil?**



HEALTHY

**Why is it
better to have
healthy soil?**



You can be a conservation hero too!

- Get involved in helping your environment.
- Share what you know about resources.
- Do your best to conserve and protect our earth.

